



CAREER and TECHNICAL EDUCATION UPDATE June 1, 2014

PLEASE NOTE: There will be NO July or August CTE Update—
the next will be coming September 1st, 2014

Perkins Remaining Funds for 2013-2014

FRIENDLY REMINDER to all high school districts with an outstanding or remaining 2013-2014 Perkins allocation to please obligate your remaining funds before the end of this current school year. If you have questions regarding your Perkins balance or any submitted cash requests, please contact Charlotte McMilin, Perkins Accountant by phone at: 406.444.4403 or by email at: cmcmilin@mt.gov. If you have questions about obligating your Perkins funds, please contact either Brad King or Renee Harris. Brad can be reached at 406.444.4451 or by email at: bking2@mt.gov. Renee can be reached at: 406.994.6986 or by email at: rharris3@mt.gov.

2014 National Career Pathways Network (NCPN) conference

Don't miss this networking opportunity if you are you involved in...

- *career pathways*
- *programs of study*
- *the common core*
- *adult career pathways*
- *career technical education*
- *counseling*
- *teaching and learning*
- *workforce development*

Mark your calendar for the 2014 National Career Pathways Network (NCPN) conference to be held at the beautiful Buena Vista Palace on the Walt Disney World® Resort on October 12-14, (across from Disney Marketplace). This year's conference theme is ***Building Capacity: Aligning for the Future***, and what better place for that setting than Disney World. What a fun and innovative combination! This year's conference will be built around the Office of Career, Technical, and Adult Education (OCTAE) 10 Component Framework for Career Pathways as encouragement for each of you to build capacity for the next round of Perkins. Program Strands* include:

1. Legislation and Policies
2. Partnerships
3. Professional Development
4. Accountability and Evaluation Systems
5. College and Career Readiness Standards
6. Course Sequences
 7. Credit Transfer Agreements
 8. Guidance Counseling and Academic Advisement
 9. Teaching and Learning Strategies
 10. Technical Skills Assessment

*Program strands match the 10 components of the OCTAE Framework for Career Pathways and ***adult career pathways*** will be infused throughout the conference.



Whether you are a postsecondary or secondary educator or involved in workforce development in another capacity, the NCPN conference gives you the opportunity to learn and network. There are over 125+ sessions, an exhibit hall, best practices, and national experts . . . all for you to learn and grow. Here are some highlights (**Keynote and Featured Speakers**) from the conference:

- **Mark Mitsui** (scheduled to attend); Deputy Assistant Secretary for Community Colleges, OCTAE, U.S. Dept. of Education
- **Sharon Lee Miller** (scheduled to attend); Director, Division of Academic and Technical Education, OCTAE, U.S. Dept. of Education
- **Pedro Esteva**, President and CEO; IMCA; Dominican Republic
- **Jason Tyszk**, Senior Director, Policy; U.S. Chamber of Commerce Foundation
- **Andrew Vanden Heuvel**, Teacher, Michigan Virtual School; Michigan Online; Teacher of the Year 2011
- **Chad Foster**, Author, Career Readiness for Teens

In addition to the regular conference strands, there are some special sessions:

Mini-Strand: NSF's Advanced Technological Education (ATE) Program	The goals of NSF ATE, Career Pathways, CTE, and STEM initiatives are mutually supportive. Attendees will learn how secondary-postsecondary-business partnerships are created and maintained and discover how to participate in the NSF ATE program.
Preconference Institutes; Sunday, Oct 12	
Are You Certified? Industry Certification and Credentialing -Prominent leaders discuss industry credentialing and where and how industry credentialing fits into your institution's plans.	Technology-Infused Classroom -Designed to help educators tap into the appeal of electronic devices to provide interactivity and authentic learning.
Adult Career Pathways Leadership Certification - Explores the role of adult education in the ACP system. Topics: Vision of an ACP system; adult education in the ACP system; partnerships; industry career ladders and academic training ladders alignment; bridge programs; and contextual teaching.	Learning Today to LEAD Tomorrow -Focuses on leadership, innovation, and strategies for building leadership among Career Pathways leaders. Topics: Accountability, change, coaching, communication, conflict resolution, organizational culture, professionalism, motivation, relationship building, strategic planning, and teamwork.
Career Pathways Effect Series: Teaching for Success -Designed to support teachers in their role as learning facilitators within a Career Pathways system. Topics: 21st-century teaching and learning challenges; brain-based learning research; connecting knowledge and application; contextual teaching and learning; support systems; role of business and industry; and recommendations for success.	Employer and Presidents Institute)-Focuses on bringing employers, college presidents, and CTE directors together to discuss skill sets and return-on-investment.
Career Pathways Effect Series: Counseling for Success -Highlights the need for progressive counseling, early childhood through adulthood. Topics: Career guidance theory, tools, and support; role of career counselors in programs of study; counselors as the lynchpin and facilitator; and individual learning plans.	TOUR: Legoland Florida (1:00–5:00 p.m.; includes lunch; bus boards at 12:10)-Join us to learn about LEGOLAND Florida, the variety of positions we seek, and the theme park industry as a whole. Includes presentation of what LEGOLAND Florida looks for in the ideal candidate to join our Model Citizen community.
Career Pathways Leadership (CPL) Certification -Designed to empower local and state personnel to implement Career Pathways and provide strategies, tools, and resources. For certification, you must attend this institute and at least seven sessions from the main conference program on Monday and Tuesday.	



Online registration is now available! Be sure to register by July 15 to take advantage of the Early Bird discounted rate: <http://www.ncpn.info/registration.php>. More information on the conference is available at www.ncpn.info under "2014 Conference". We hope that you make plans to attend and bring your family to enjoy the local attractions. *See you in Orlando!*

Debbie Mills, Director
National Career Pathways Network
dmills@cord.org

MCIS BootCamp ~ August 6-7, 2014

We are hosting, a free 2-day, intensive MCIS training August 6th and the morning of August 7th. 8-12 CEU credits will be available. August 7th training is optional. There is no cost for the training. We will provide lunch on the first day. Bring your own laptops to follow along in the training. Day 2 is designated for working on customizing your own checklists and course planner. iPads and tablets will not work on day two. If you would like to participate on day 2 please bring a laptop. Register for either the one-day or the two-day intensive workshop. Earn more CEU's the longer you participate. Complete the [registration form](#) and send back to MCRN@mt.gov. If you have questions, call 800-541-3904 and ask for Pam Boggs or Donetta McDowell. Register soon, as space will be limited. Register before June 15th and you will be entered for a chance to win the IDEAS interest inventory for a year for your school, a \$100 value.

Other interesting articles are found on the following link:

<http://us6.campaign-archive1.com/?u=0ac86e890440112b079ffdd29&id=45ffbf90e2>

MCIS information submitted by MCIS Director, Annette Miller, phone: (406) 444-2741;
Email: anmiller@mt.gov. For training requests or technical support, contact Pam Boggs or Donetta McDowell at (800) 541-3904 or email mcrn@mt.gov.

Agriculture, Food and Natural Resources

No update at this time.

Dr. Brad King

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FFA



No update at this time.

FFA information submitted by Montana FFA State Director, Amanda Carlson, phone: (406) 994-7050; Email: ffaamandac@yahoo.com.

Business Education

Business Education Specialist Elected to National Board of Trustees

During the Business Professionals of America 2014 National Leadership Conference, Montana Business Education Specialist Eric Swenson was reelected to the Business Professionals of America's Board of Trustees. Eric will serve a three-year term as the State Supervisor for Business Education Representative to the Board of Trustees. Additionally, during the meeting of the Board of Trustees following the election, Eric was elected to serve at the Board's secretary. The 2014 National Leadership Conference was held April 29-May 4 in



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Indianapolis, Indiana.

Business Professionals of America is the leading CTSO (Career and Technical Student Organization) for students pursuing careers in business management, office administration, information technology and other related career fields. Business Professionals of America has 43,000 members in over 2,300 chapters in 23 states. Business Professionals of America is a co-curricular organization that supports business and information technology educators by offering co-curricular exercises based on national standards.

The purpose of the Board of Trustees is to manage all affairs of Business Professionals of America. The Board of Trustees is elected by the Corporate Body.

Submitted by

Eric Swenson

Business Education Specialist

Office of Public Instruction

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Montana BPA



I would like to congratulate all of our chapter members for all accomplishments, achievements, and recognitions received this year in Business Professionals of America locally, regionally, at the state level, and during the 2014 National Leadership Conference in Indianapolis, Indiana.

Also a thank you to everyone who attended and worked to *Accelerate Your Future* at the 2014 National Leadership Conference in Indianapolis, Indiana. We had 48 secondary chapters and Two (2) postsecondary chapters (Flathead Valley Community College) and (Montana's Post-Secondary Virtual Chapter) represented at the National Leadership Conference. In total, we had 306 students, advisors, and guests from Montana registered for the 2014 NLC. The "Montana Special Event," a tour/luncheon (in the Quarterback Suite) of the Lucas Oil Football Stadium, Home of the Indianapolis Colts, was one of the highlights of the trip for 200 Montana participants.

Congratulations to our four National Competitive Event Champions—Nicole Nelson, Broadview High School, in Accounting Using QuickBooks; Wyatt Cayer, Lambert High School, in Computer Modeling; Conner Menahan (Virtual Post-Secondary Chapter), in Virtual Multimedia & Promotion Individual; and Conner Menahan, Alexandra Barreto, and Darleen Barreto, (Virtual Post-Secondary Chapter) in Virtual Multimedia & Promotion Team. In total, Montana BPA had 30 individuals and 11 teams (secondary and post-secondary) place in the Top 10.

Montana's members were also recognized for their non-competitive events accomplishments through the Torch Awards Program, BPA Cares, Advisor Service Awards, Advisor and Student BPA Certification, internships, and attendance at the "National Leadership Academy." A listing of the non-competitive events winners is at the bottom of this report.

Julie O'Dell, advisor from Hardin High School, received a 40-year BPA service plaque for of her years of service and dedication to Business Professionals of America; and Jeannette Barreto, advisor from Colstrip High School, received an Outstanding Service Award for all of her dedication/service to the BPA organization. Tori Hill and Nicole Moore, both from Sidney, each received a National BPA Scholarship. Seven Montana chapters received "BPA Cares" awards in the areas of Community Service, BPA Marketing and Public Relations, Member Recruitment, Safety Awareness, and Special Olympics. Seventy-three of a total 544 Ambassador Torch Awards presented in a "Special Awards" ceremony went to Montana students, the most "Torches" from any of the 23 states participating.

Twelve Montana advisors were recognized for their years of service to Business Professionals of America, and 18 Montana Advisors and 5 Montana Student Members earned recognition for "National BPA Certification" by completing a series of webinars earlier in the school year. A number of students also passed certification tests



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in Microsoft Word, Excel, PowerPoint, and Microsoft Technology in Security and Windows Operating System Fundamentals. Colstrip participated in the "Fair Trade Challenge" event and placed third. One Hundred seven (107) Montana delegates walked in the "Special Olympics Walk" and raised \$1,070 of the total \$10,000 earned for Indiana Special Olympics.

An individual listing of Torch Awards recipients, Advisor Service Awards, BPA Cares Program, Merit Scholar Award, and Certiport, Advisor, and Student Certifications can all be found at the end of this letter.

During the Annual Corporate Meeting of Business Professionals of America at Nationals, Eric Swenson was re-elected to the Business Professionals of America Board of Trustees. Mr. Swenson will serve another term as the State Supervisor for Business Education Representative to the Board of Trustees and was also selected to be the new Board secretary.

June 6-8 at Officer Training Camp, the 2014-2015 Montana BPA State Officer Team will start planning activities for next year, including the 2015 State Leadership Conference in Billings, March 8-10, as well as for the 2015 National Leadership Conference in Anaheim, California. The logo for the 2015 National Conference is: "Imagine Believe Become."

Honor Advisors

40 Years

Julie O'Dell—Hardin (amazing)

15 Years

Molly Barta--Skyview High School

Sue Cheff—Flathead High School

10 Years

Jennifer Rohrer--Simms High School

Samantha Humphrey—Helena High School

Julie Hanson—White Sulphur Springs High School

Janelle Berry—Skyview High School

Ron Hanson—Ronan High School

Anna Gomez—Arlee High School

Elaine Stedman—Sidney High School

5 Years

Tara Nickoloff—Culbertson High School

Matt Schrowe—Red Lodge High School

Ambassador Torch Award Winners (All 73)

Belgrade High School

Brenna Banderob

Maria Pipinich

Broadview High School

Morgan Beckett

Nicole Nelson

Kourtney Schott

Cascade High School

Darby Bogden

Cassidee Boland

Lydia Cope

Cory Cummings

Kacie Cummings

Natalie Gerard

Roman Lorange

Amber Wehr



Charlo High School

Michaela Krahn

Colstrip High School

Victoria Barreto

Bailey Menahan

Adam Myers

Alejandro Ortiz

Culbertson High School

Erica Nickoloff

Ella Crowder

Renee Oelkers

Samantha Fell

Fergus High School

Whitney Bristol

Jaida Gordon

Dylan Stenseth

Cheran Waltari

Logan Wilcox

Daquiri Wright

Garfield County High School

Shanae Phipps

Lavina High School

Kalyn Jensen

Courtney Ruzick

Moore High School

Helmer Sophia

Park High School

Callum Gannon

Roberts High School

Kelsey Pratt

Roundup High School

Courtney Cota

Sidney High School

Cruz Aguilar

Morgan Barnett

Jordan Baxter

Luke Beenken

Lexie Brunsvold

Johren Carpenter

Bryana Christensen

Matthew Dey

Kasey Gorder

Tessa Hill

Tori Hill

Jerren Jensen

Brady Johnson

Danny Johnson



Megan Johnson
Aubrey Kessel
Adam Lake
Nicole Monsen
Nicole Moore
Colin Moran
Louie Reyna
Tresha Sanders
Hunter Severson
Zach Sommerfeld
Hailey Steinbeisser
Jared Steinbeisser
Cade Strasheim
Jared Troudt
Austin Watterson

Skyview High School

Jessica Berry
Amanda Eastman

Stanford High School

Cory Deegan
Cheyenne Hicks
Jack Holzer
Brenna Hulett
Adam Metcalfe
Kendra Smith

White Sulphur Springs High School

Cassie Coburn

Student Certification

Victoria Barreto, Colstrip High School
Bailey Menahan, Colstrip High School
Hanna Monroe, Billings West High School
Jenna Morrison, Capital High School
McKenzie Stager, Superior High School

Advisor Certification

Laura Bakich, Absarokee
Molly Barta, Skyview
Nicole Bogunovich, Billings West
Jacquie Bymaster, Broadview
Kerri Cobb, Bozeman
Linda Cotton, Cascade
Lisa LeGare, Glasgow
Jill Page, Glasgow
Samantha Humphrey, Helena High
Beth Lawrence, Garfield Co.
Janie McFarland, Conrad
Elaine Stedman, Sidney
Jamie Toivonen, Superior
DeAnne Weeks, Culbertson
Mary Alice Marthel, Wibaux
Destiny Schafer, Mt. Tech
Brianna Dudley, Mt. Tech



Eric Stoverud

BPA Cares Program

Colstrip-Safety Awareness Award and BPA Marketing and Public Relations Award
Cascade- Safety Awareness Award and Community Service Award
Sidney-Community Service Award and Special Olympics Award
Culbertson-Member Recruiter Award
Absarokee-

Intern Program

Broadview High School-10 students (each worked 2 hours)
Colstrip High School-6 students (each worked 10 hours)

Certiport Certifications

Montana Virtual Chapter

Kelsey Madler—Microsoft Excel (post-secondary)

Cascade

Chloe Whitten—Microsoft Word
Cory Cummings—Microsoft Word
Chloe Whitten—Microsoft PowerPoint
Kacie Cummings—Microsoft PowerPoint
Max Austin—Microsoft PowerPoint

Skyview High School

Tyler Fricks—Microsoft Technology Associate: Security Fundamentals
Tyler Fricks—Microsoft Technology Associate: Windows Operating System Fundamentals

National Leadership Academy

Bozeman High School-4
Colstrip High School-4
Helena High School-3

Merit Scholar Test

Elaine Stedman

Fair Trade Challenge Participation

Colstrip- 3rd Place

Montana BPA information submitted by Montana BPA State Director, Becky DePuydt, phone: (406) 674-5593; cell phone: (406) 390-5196, Email: beckydepuydt@bpamt.org

Montana DECA

 No Update at this time.

DECA information submitted by Montana DECA State Director, Krista Bergstrom, phone: (406) 750-1988; Email: kberg151@gmail.com.



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Family and Consumer Sciences Education

No update at this time.

Megan A. Vincent

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Montana FCCLA

During March 23 to 25, 2014 over 725 students, advisors and chaperones "Discovered a Universe of Possibilities" at the 67th annual Montana Family, Career and Community Leaders of America (FCCLA) State Leadership Conference in Billings, Montana.

At this conference, each new district president was installed as part of the 2014-2015 State Executive Council. The new state officer team includes State President Abigail Venzor (Three Forks), Vice President Kenzie Stahl (Forsyth), Secretary/Treasurer Garrett Christiaens (Valier), State Officer of Community Service (SO) Elizabeth Morigeau (Arlee), SO of Competitive Events Danielle Kittelmann (Ekalaka), SO of Development Colter Kenworthy (Sheridan), SO of Membership Tera Goddard (Reed Point), SO of Parliamentary Law Carissa Workman (Grass Range), SO of Programs Olivia Serio (Plentywood), and SO of Public Relations Sam Pester (Hingham). Also elected to the State Executive Council as a State Officer At-Large and National Officer Candidate was Cody Boyce, Lewistown.

At this conference, students competed in over 25 competitive events focused on expanding leadership potential and developing skills for life that are necessary in families, communities and in the workplace. Top finishers for the STAR Events qualified to attend the National Leadership Conference in San Antonio Texas this July. Over 130 event winners, officers, volunteers and advisers will be in attendance.

FCCLA information submitted by Montana FCCLA State Director, Nicole Wanago, phone: (406) 581-7285;

Email: nicole.wanago@mtfccla.org.

Health Sciences Education

Health Science



Plans are underway for the Veterinary Science-ONE Health training to be offered for health science and Agriculture Education teachers. The training is two days and will take place July 21-22 in Missoula. Training will be split between the Ag Center and Big Sky High School. The training is FREE, but registration is necessary, so please contact me at the email or phone number below.

I am still hopeful that we will finish revisions to our online Health Science Teacher Training program. Common Core standards/activities are being embedded into the curriculum to improve the rigor of the courses. If you are a secondary science or health enhancement teacher, have collegiate anatomy & physiology credit, and have an interest in teaching HEALTH SCIENCE at your school, this course is free of charge and you will then be eligible for at CTE Class 4A Endorsement in Health Science. Feel free to call or write if you'd like additional information.

Congratulations are in order to Flathead High School in Kalispell! They will be starting a Biomedical Science program this fall. Teachers will be attending Project Lead the Way training this summer.

Submitted by

Renee Harris



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Montana HOSA



Two chapters (CM Russell and Missoula-Sentinel) will be attending the HOSA National Leadership Conference in Orlando in June. Best of luck to our Montana competitors!

MT HOSA will be hiring a new State Director this summer, but if you need information about starting a chapter, please contact Renee. Have a most enjoyable summer!

Industrial, Trades and Technology Education

Recently the Great Falls Public Schools and Neighbor Works celebrated the completion of the 2013 -2014 houses built by high school students. An Open House was hosted by Great Falls High School construction program students at 621 5th Avenue S. A complimentary article encompassing more details appeared in the Friday, May 23 edition of the Great Falls Tribune.

C.M. Russell High School graduate Samantha "Sam" Dunn is among the cities first female welders working full time in the trade. She is currently the only female fitter-welder employed by Anderson Steel.

Samantha learned her welding skills while attending after-school outreach welding classes from Great Falls College and completing a two semester welding program while attending high school.

She plans to attend the Divers Institute of Technology in Seattle, and specialize in the highly skilled career of underwater welding.

Submitted by

Don Michalsky

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SkillsUSA



NEW STATE OFFICERS TO ATTEND CTSO LEADERSHIP CAMP

Our new state officers will be attending Montana CTSO Leadership Camp June 6-8, 2014, at the Big Sky Bible Camp near Bigfork. Our state officers will have the opportunity to meet and interact with officers from the other CTSO organizations within our great state and receive some excellent training in how to better serve their organizations as the State Leadership Team.

STATE CONFERENCE CHAMPIONS

Our champions are looking forward to the competition in Kansas City. The SkillsUSA Championships will be held on Wednesday June 25 and Thursday, June 26 in H. Roe Bartle Hall and Municipal Auditorium of the Kansas City Convention Center. More than 6,000 outstanding career and technical education students - all state contest winners - will compete hands-on in 99 different trade, technical and leadership fields. More than 15,000 people - including students, teachers and business partners - are expected to participate in the week-long event.



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Students work against the clock and each other, proving their expertise in occupations like electronics, computer-aided drafting, precision machining, medical assisting and culinary arts. Contests are run with the help of industry, trade associations, and labor organizations, and test competencies are set by industry. Leadership contestants will demonstrate skills including extemporaneous speaking and conducting meetings by parliamentary procedure. The competitions will be open to the public and free of charge.

CHANGES COMING NEXT YEAR

As we wind down this SkillsUSA year, planning for next year and reevaluating the new changes made this year are taking place. Be sure to start the new school year off by starting your SkillsUSA chapter in **September**. You should receive a "Membership Kit" from Nationals, if you were a chapter this year. If your chapter was not active this year and you are reestablishing it in the fall, please contact Cassie Huntley, chuntley@skillsusamontana.org, to receive this membership kit. At the Advisor's Meeting held at the State Conference, advisors were given a new notebook with a sample calendar for planning your SkillsUSA year. (If you did not attend the Advisor's Meeting, contact Cassie for the link to the advisor's website where this information will be posted.) I encourage you to make a calendar of your own. The sooner you start your SkillsUSA year, with a plan, the easier it will be. One of the problems we see every year is that chapters are waiting until the time to prepare for the state conference to do all of the paperwork, go to the National site for memberships and registering for the state conference. We encourage you to make a planning calendar and place each of these items on a specific date to be completed.

We know that you are thinking, "I can't think about next year, I haven't finished this one." Planning for each event for the next SkillsUSA year, begins the minute the event ended this year. By taking the time to evaluate the event and write down items you liked or disliked will be very beneficial when planning starts next year. Here are some changes we will be looking at for next year. More information on each item will be coming out at the beginning of the new SkillsUSA year in September.

MILLION WOMEN MENTORS AWARENESS AND ENGAGEMENT CAMPAIGN

SkillsUSA has a strategic partnership with Million Women Mentors, an initiative to identify mentors of young women who are interested in or are actively pursuing education and careers in STEM-related fields. Any SkillsUSA teacher/advisor, male or female, delivering a STEM-related curriculum who has a female student(s) in his or her class can be recognized as a mentor. Enlisting and retaining more women in STEM occupations benefits both the U.S. economy and the young women themselves. You can find some compelling statistics about women in the STEM workforce at <https://www.millionwomenmentors.org/#awareness>.

Individuals or schools can sign a "Pledge to Mentor" at MWM's home page, <https://www.millionwomenmentors.org/#home>. Click on the button by that name, then click on "Individual" or "Educational Institution" under the "Type" pull-down menu. In the space for "Company/Organization," type in your school's name and append "—SkillsUSA" after your school's name. There are no obligations involved in signing up beyond your continuing efforts to encourage and mentor young women in their STEM interests and education.

Million Women Mentors is an awareness and engagement campaign of STEMconnector that seeks to enlist one million mentors of young women interested in STEM-related careers.

CISCO OPPORTUNITY

Long-time national contest partner, Cisco, is offering to help get your students better prepared for this year's SkillsUSA Championships as well as to help with your State Contests in the future. This is an excellent opportunity to tap into professional technical expertise.

We have a golden opportunity to promote Internetworking and SkillsUSA to all our Cisco Systems Engineers in the USA. System engineers are the backbone of Cisco and work directly with the customer making sure their networking and communications needs are met. The SEs are a true model for the contestants in the Internetworking competition. This is what the contestants are striving to be in their careers. Our engineers want to do the following:

- Mentor student competitors.
- Assist with loaning equipment where possible
- Make general contacts to assist at schools and recruit workers.



- Assist in running local or state contests.

With the new phase of the internet starting (IoT) we want to make an impact for SkillsUSA's students and their institutions.

SkillsUSA information submitted by Montana SkillsUSA State Director, Cassie Huntley, cell phone: (406) 461-5016; Email: casshuntley@montanaskillsusa.com.

Montana TSA



Talk about a busy two months! Last month we were getting ready and putting on the Technology Student Association State Leadership Conference at the Montana Pavilion in Billings. Fourteen schools and over 200 students converged on the Montana Pavilion for the TSA Leadership Conference on April 27th and 28th. Chapter members were able to participate in 18 different events; some of the events were Desktop Publishing, Digital Photography, Aerodynamics and new this year the VEX ROBOTICS competition. The conference had many changes this year; it is amazing what can be done with a little extra funding. Overall the conference was a huge success, the teachers and students provided extremely positive feedback regarding the many changes.

Below are several photos of the State Leadership Conference, the first is a group of students participating in the VEX competition and the second is the open ceremony at the State Leadership Conference.



We are currently trying to revive the **Technology Update Conference** that was established in the late 1980's by Doug Polette at MSU. It will be held June 16, 17, 18 at Bozeman High School and Montana State University. This conference is a collaborative event brought to you by Montana Technology Student Association (TSA), Bozeman High School and Montana State University Technology Education Department. The event open to any teacher interested.

The class is being offered for one (1) graduate credit for \$266.50 or 30 Renewal Units (no cost). Below are some of the sessions that will be covered:

- ☐ Robots (presented by MSU along with hands-on work with VEX equipment)
- ☐ 3D Printing
- ☐ Laser engraving
- ☐ Monday Morning Ready Production run
- ☐ Big Sky Pathways and Montana Career Information System (MCIS) information
- ☐ Technology Student Association event and conference preparation
- ☐ STEM Activities



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Please contact **Lidia Haughey** at lhaughey@montana.edu 406-994-6303 if you would like more information or plan to attend the Update Conference. You may also contact Dwight or Craig.

The state officer team is busy preparing for the Leadership training in Bigfork on June 6, 7, 8 and for the National Conference in Washington DC June 27-July 2. The officers are really looking forward to the upcoming events.

TSA information submitted by Montana TSA Co-State Directors, Craig Todd, cell phone: 406.690.2524; Email: craig@crystalcnc.com and Dwight Freeman, cell phone: 406.671.6992; Email: Dwight_freeman@yahoo.com.

